

Intro

We are inviting you to help us in the design of our DroneResponse system. DroneResponse uses drones to support emergency responders in tasks such as search and rescue, fire and accident surveillance, and defibrillator delivery.

In designing a software system we seek to elicit comments from many different stakeholders including direct and indirect beneficiaries. We are inviting your participation because you are either directly involved in the DroneResponse project or you engage in activities in which DroneResponse might be used (e.g., searching for somebody in the mountains, surveying an accident, delivering medical items).

We illustrate one scenario in which DroneResponse might be deployed. Imagine that coastguards have received a call that a person has been swept out to sea. As well as deploying their own manned vessel, they might also deploy several small drones equipped with onboard computer vision, to search for the victim. The humans and drones could then work collaboratively to search and rescue the victim.

However, deploying drones in society has potential tradeoffs. For example, a drone searching for a victim might fly over somebody's back yard and infringe on their privacy, or it might be involved in an accident itself.

In this quick survey we want to ask you to list some values that you think are particularly relevant to a system such as DroneResponse, and then to list some important concerns that you might have about DroneResponse being deployed in the real world. As you list your values, please use your imagination about how you think DroneResponse might be used.

Questions

Please check one of the following roles that are relevant to you as a potential DroneResponse

stakeholder:

- ☐ Emergency Responder
 - ☐ Business developer
 - ☐ Development team member
 - ☐ Drone pilot/operator
 - ☐ Mountaineer and/or hiker and/or swimmer etc
 - ☐ Homeowner and/or driver etc
 - ☐ Other
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What values do you think are important for DroneResponse?

Examples:

- When video is used during a rescue event it must be kept private
- All people helped by DroneResponse must be treated equally with respect

Please list any concerns that you might have about the use of DroneResponse. These might be the mirror images of some of your values, but could also be completely different.

Example:

Drones could disrupt my privacy. I am OK with their use for real emergencies but not for trivial things like Pizza delivery.

As a firefighter, I'm worried that drones might get in the way during a rescue operation.



If you have any other comments please add them here:



End of Survey

Thanks for your help in the design of DroneResponse. If you have any further questions or comments please email Agnieszka Marczak-Czajka at: amarczak@nd.edu.